Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 04 Jul 2022 until 23:59 on Tuesday 05 Jul 2022

Forecast Issued on Monday 04 Jul 2022 at 03:00

Confidence: High for the general theme but lower for detail regarding cloud amounts and extent of any precipitation in outlook period.

Headline for Monday 04 Jul 2022: Early cloud and showers clearing to leave a fine afternoon.

Mountain weather hazards on Monday 04 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Light rain showers	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
30%	30%	10%	10%	10%	10%

Forecast for Monday 04 Jul 2022

Weather: Scattered showers easing through the morning with cloud then slowly lifting and breaking. Drier and brighter by late morning with a fine afternoon expected as winds ease.

Chance of cloud-free hill tops above 600m: 50% overnight but improving to 100% by midday.

Low cloud and visibility: Cloud covering summits above 400-500m at first, especially on western upslopes. Otherwise bases remaining clear of the summits with visibility good to very good, perhaps seeing some brief deteriorations in any passing showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 04 Jul 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/24 SW	27/35 W	22/31 W	19/27 W	17/25 W	13/20 W	13/20 W
300	14/20 SW	18/26 W	18/28 W	17/26 W	14/22 W	9/15 W	10/18 W
Valley	7/17 SW	14/26 W	16/29 W	13/25 W	13/24 W	7/16 W	7/16 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	9/4	10/7	11/7	11/8	9/6	9/6
300	11/8	12/9	13/10	14/10	14/11	12/10	12/10
Valley	11/10	13/10	15/12	15/12	14/12	13/11	12/11
Freezing Level*	2100m	1700m	1800m	1800m	1800m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some poor visibility across the highest summits during the morning could make navigation difficult for a time, especially with paths turning slippery underfoot due to showers. Conditions improving by the afternoon with strong sunshine and good drying conditions, so both waterproofs and adequate sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 04 Jul 2022	1.2mm	4.6mm	6mm

Forecast for Tuesday 05 Jul 2022

Weather: Cloud thickening over higher tops overnight perhaps with the odd spot of light rain. Once again cloud will lift and break readily during the morning with a fine sunny afternoon expected. Cloud thickening again overnight.

Maximum wind: Westerly 15-20 mph.

Chance of cloud-free hill tops above 600m: 50% overnight but improving to 100% by midday.

Low cloud and visibility: Chance of some poor visibility overnight in patchy cloud covering the highest summits around 400-500m, mainly on western upslopes. Otherwise bases remaining clear of the summits with visibility good to very good.

Temperature: **Valleys:** Plus 8 becoming 20 Celsius
At 600m: Plus 7 becoming plus 10 Celsius
Freezing level: Well above summits.

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